

What is claimed is:

1. An electrical connector assembly comprising:
 - an insulative frame comprising two opposite edges and opposite first and second ends between the edges;
 - a clip pivotably mounted to the first end of the frame; and
 - an actuator pivotably mounted to the second end of the frame, the actuator comprising a driver and urging means for urging the clip;

wherein when pivoting the driver, the driver at all times remains substantially within the confines of the frame.
2. The electrical connector assembly as claimed in claim 1, wherein the urging means of the actuator is a cam, a first supporting rack and a second supporting rack are arranged on the second end of the frame, and the second end of the frame defines a slot between the first and the second supporting racks.
3. The electrical connector assembly as claimed in claim 2, wherein a supporting pole sequentially passes through the first supporting rack, the cam and the second supporting rack, and the cam is partially received in the slot of the frame, thereby pivotably positioning the cam on the frame.
4. The electrical connector assembly as claimed in claim 3, wherein the supporting pole comprises a first supporting portion and a second supporting portion respectively at the first and the second supporting racks, and the driver is fixed on the second supporting portion.
5. The electrical connector assembly as claimed in claim 4, wherein the driver

comprises a driving portion fixed on the second supporting portion of the supporting pole, a handle portion and a connecting portion interconnecting the driving portion and the handle portion.

6. The electrical connector assembly as claimed in claim 1, wherein the cam defines a spiral-shaped groove spanning between a circumferential surface of the cam and a center of the cam, and the groove faces the clip.
7. The electrical connector assembly as claimed in claim 1, wherein a first lock and a second lock are arranged at respective opposite sides of the second end of the frame, for respectively locking the driver of the actuator before and after pivoting of the driver.
8. The electrical connector assembly as claimed in claim 1, wherein the clip comprises a first end pivotably mounted to the first end of the frame, and a second end opposite said first end.
9. The electrical connector assembly as claimed in claim 8, wherein the post of the clip is provided at the second end thereof, and a plurality of pressing pads is arranged at internal edge portions of the clip.
10. A fastening device for a socket, the fastening device comprising:
 - an insulative frame comprising opposite first and second ends;
 - a clip pivotably mounted to the first end of the frame, the clip having a post provided at a free end thereof; and
 - a cam actuator pivotably mounted to the second end of the frame, the cam actuator comprising a cam and a driver, the cam defining a groove therein for receiving the post of the clip;wherein when the cam is driven by the driver, the cam drives the post of

the clip toward the frame, and the clip can move slightly toward an end of the second end of the frame.

11. The fastening device as claimed in claim 10, wherein a first supporting rack and a second supporting rack are arranged on the second end of the frame, and a slot is defined in the second end of the frame between the first and second supporting racks.
12. The fastening device as claimed in claim 11, wherein a supporting pole sequentially passes through the first supporting rack, the cam and the second supporting rack, and the cam is partially received in the slot of the frame, thereby pivotably positioning the cam on the frame.
13. The fastening device as claimed in claim 12, wherein the supporting pole comprises a first supporting portion and a second supporting portion respectively at the first and the second supporting racks, and the driver is fixed on the second supporting portion.
14. The fastening device as claimed in claim 13, wherein the driver comprises a driving portion fixed on the second supporting portion of the supporting pole, a handle portion and a connecting portion interconnecting the driving portion and the handle portion.
15. The fastening device as claimed in claim 10, wherein the groove of the cam is spiral-shaped, spans between a circumferential surface of the cam and a center of the cam, and faces the clip.
16. The fastening device as claimed in claim 10, wherein a first lock and a second lock are arranged at respective opposite sides of the second end of the frame, for respectively locking the driver of the cam actuator before and after pivoting of the driver.

17. The fastening device as claimed in claim 10, wherein the clip comprises a first end pivotably mounted to the first end of the frame, and the free end of the clip is opposite the first end thereof.
18. The fastening device as claimed in claim 17, wherein a plurality of pressing pads is arranged at internal edge portions of the clip.
19. An electrical connector assembly comprising:
 - an insulative frame defining opposite first and second ends along a lengthwise direction thereof;
 - an electronic package mounted around said frame;
 - a clip pivotally mounted to the first end with a first pivotal axis extending along a transverse direction perpendicular to said lengthwise direction;
 - an engagement device defined around a distal end of the clip and far away from the first pivotal axis;
 - a lever pivotally mounted to the second end with a second pivotal axis extending along the lengthwise direction; and
 - a pressing member formed on the lever; wherein when said lever is rotated to an open position, the pressing member does not block a rotation path to said clip for allowing said clip to rotatably move back and forth along said lengthwise direction; when said lever is rotated to a closed position under a condition that the clip is located in a horizontal direction with the engagement device being located proximate of the lever, the pressing member downwardly abuts against the clip so as to have the clip retain the electronic package in position relative to the frame.
20. The assembly as claimed in claim 19, wherein the pressing member is located

around the second pivotal axis.

21. The assembly as claimed in claim 19, wherein said pressing member defines a camming surface for continuously downwardly forcing the engagement device during rotation of the lever.
22. The assembly as claimed in claim 19, wherein said lever is rotated between a range more than 90 degrees.
23. The assembly as claimed in claim 19, wherein said second axis is located proximate a center line of the frame along said lengthwise direction.